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TRANSMITTAL FORM

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Total Number of Pages in This Submission

61

Application Number

10/816,081

Filing Date

04/01/2004

First Named Inventor

David B. Rozema

Art Unit

Examiner Name

Attorney Docket Number

Mirus.035.02.1

ENCLOSURES (Check all that apply)

☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☒

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐

Response to Missing Parts/
Incomplete Application

☐

Response to Missing Parts
under 37 CFR 1.52 or 1.53

☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐

Petition to Convert to a
Provisional Application

☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) _____

Remarks

☐

After Allowance communication
to Group

☐

Appeal Communication to Board
of Appeals and Interferences

☐

Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

☐

Proprietary Information

☐

Status Letter

☐

Other Enclosure(s) (please
Identify below):

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

Mark K. Johnson

Signature

Date

02/08/2005

CERTIFICATE OF TRANSMISSION/MAILING

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: **David B. Rozema,**)
Darren Wakefield, Jon A. Wolff,)
Vladimir Trubetskoy, Vladimir G. Budker,)
James E. Hagstrom, Aaron G. Loomis,)
Sean D. Monahan, Paul M. Slattum)

Serial No.: **10/816,081**)

Filed: **4/1/2004**)

Group Art Unit:)

For: **Endosomolytic Polymers**

INFORMATIONAL STATEMENT

Commissioner of Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. 1.56, applicant hereby calls to the attention of the Patent and Trademark Office the publications listed on the attached PTO 1449. This information statement supplements the previously filed information statement.

US application publication

<u>Publication No.</u>	<u>Applicant</u>	<u>Publication date</u>
20030220264	Rozema et al.	11/27/2003

Published International Patent Applications

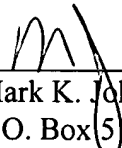
<u>Publication No.</u>	<u>Applicant</u>	<u>Publication date</u>
WO 01/51092	Stayton et al.	07/19/2001

REFERENCES CITED

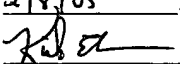
1. Murthy et al. "Design and synthesis of pH-responsive polymeric carriers that target uptake and enhance the intracellular delivery of oligonucleotides" Journal of Controlled Release, Vol. 89, no. 30 (2003), pp. 365-374.
2. Murthy, N. et al. "Bioinspired pH-responsive polymers for the intracellular delivery of biomolecular drugs." Bioconjugate Chemistry, Vol. 14, no. 2 (2003), pp. 412-419.
3. Naganawa, A. et al. "Synthetic Studies on Tautomycin Synthesis of 2,3-Disubstituted Maleic Anhydride Segment" Tetrahedron, Vol. 50 (1994), pp. 8969-8982.
4. Kircheis, R. et al. "Tumor targeting with surface-shielded ligand--polycation DNA complexes" Journal of Controlled Release, Vol. 72 (2001), pp. 165-170.
5. Rozema, D. B. et al. "Endosomolysis by Masking of a Membrane-Active Agent (EMMA) for Cytoplasmic Release of Macromolecules" Bioconjugate Chemistry, Vol. 14 (2003), pp. 51-57.
6. Woodle, M. C. et al. "Sterically stabilized liposomes" Biochimica et Biophysica Acta, Biomembranes Vol. 1113 (1992), pp. 171-199.

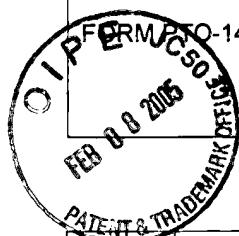
Applicant respectfully requests that these publications be expressly considered during the prosecution of this application and made of record herein and appear among the 'References Cited' on any patent to issue herefrom.

Respectfully submitted,



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Kirk Ekena



INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No.: Mirus.030.02.1	Serial No.: 10/816,081
	Applicant: David B. Rozema, Darren Wakefield, Jon A. Wolff, Vladimir Trubetskoy, Vladimir G. Budker, James E. Hagstrom, Aaron G. Loomis, Sean D. Monahan, Paul M. Slattum	Group:
		Examiner:

U.S. Pre-Grant Publications

Exmr Intl	Seq	Publication No.	Issue Date	Patentee	Class	Sub Class	Filing Date
		20030220264	11/27/2003	Rozema et al.	514	12	05/23/2003

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		Document Number	Publication Date	Country or Patent Office	Class	Sub Class	<u>Transl.</u> yes no	
		WO 01/51092	07/19/2001					

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, etc.)

		Murthy et al. "Design and synthesis of pH-responsive polymeric carriers that target uptake and enhance the intracellular delivery of oligonucleotides" Journal of Controlled Release, Vol. 89, no. 30 (2003), pp. 365-374.
		Murthy, N. et al. "Bioinspired pH-responsive polymers for the intracellular delivery of biomolecular drugs." Bioconjugate Chemistry, Vol. 14, no. 2 (2003), pp. 412-419.
		Naganawa, A. et al. "Synthetic Studies on Tautomycin Synthesis of 2,3-Disubstituted Maleic Anhydride Segment" Tetrahedron, Vol. 50 (1994), pp. 8969-8982
		Kircheis, R. et al. "Tumor targeting with surface-shielded ligand--polycation DNA complexes" Journal of Controlled Release, Vol. 72 (2001), pp. 165-170.
		Rozema, D. B. et al. "Endosomolysis by Masking of a Membrane-Active Agent (EMMA) for Cytoplasmic Release of Macromolecules" Bioconjugate Chemistry, Vol. 14 (2003), pp. 51-57.
		Woodle, M. C. et al. "Sterically stabilized liposomes" Biochimica et Biophysica Acta, Biomembranes Vol. 1113 (1992), pp. 171-199.

Examiner:	Date Considered:
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